

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-14 (previously canceled)

Claim 15 (canceled)

Claim 16 (canceled)

Claim 17 (canceled)

Claim 18 (canceled)

Claim 19 (canceled)

Claim 20 (canceled)

Claim 21 (canceled)

Claim 22 (currently amended): A fiber optic communications module, comprising:
a set of optical fibers supported in an optical ferrule having a ferrule alignment structure;
an optoelectronic device;
a carrier including:

a) a carrier alignment structure adapted for cooperating with the ferrule alignment structure of said optical ferrule and aligning said carrier with said optical ferrule,

b) a window section,

c) a transparent film layer disposed on a surface of the carrier over said window section, and

d) an alignment mark placed on said transparent film layer and precisely aligned relative to the carrier alignment structure for positioning the optoelectronic device, and wherein

the optoelectronic device includes a set of photoactive components corresponding to said set of optical fibers in said optical ferrule which is mounted on said transparent film layer of said carrier with reference to said alignment mark over said window section so as to be precisely aligned with said carrier alignment structure so that said photoactive components are aligned for optical communication through said window section with said set of optical fibers when said carrier is coupled to said optical ferrule, and wherein

said carrier comprises a silicon substrate; and

The fiber optic communications module according to claim 18, further including:

a set of metal traces deposited using photolithography techniques as a grid on said transparent film layer over said window section for use in suppressing EMI emissions.

Claim 23 (canceled)

Claims 24-50 (previously canceled)